

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE013117\
 Data File : BE092694.D
 Acq On : 31 Jan 2017 19:35
 Operator : SJ/MA
 Sample : PB96580TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB96580TB

Quant Time: Feb 01 02:22:13 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 10:14:01 2017
 Response via : Initial Calibration

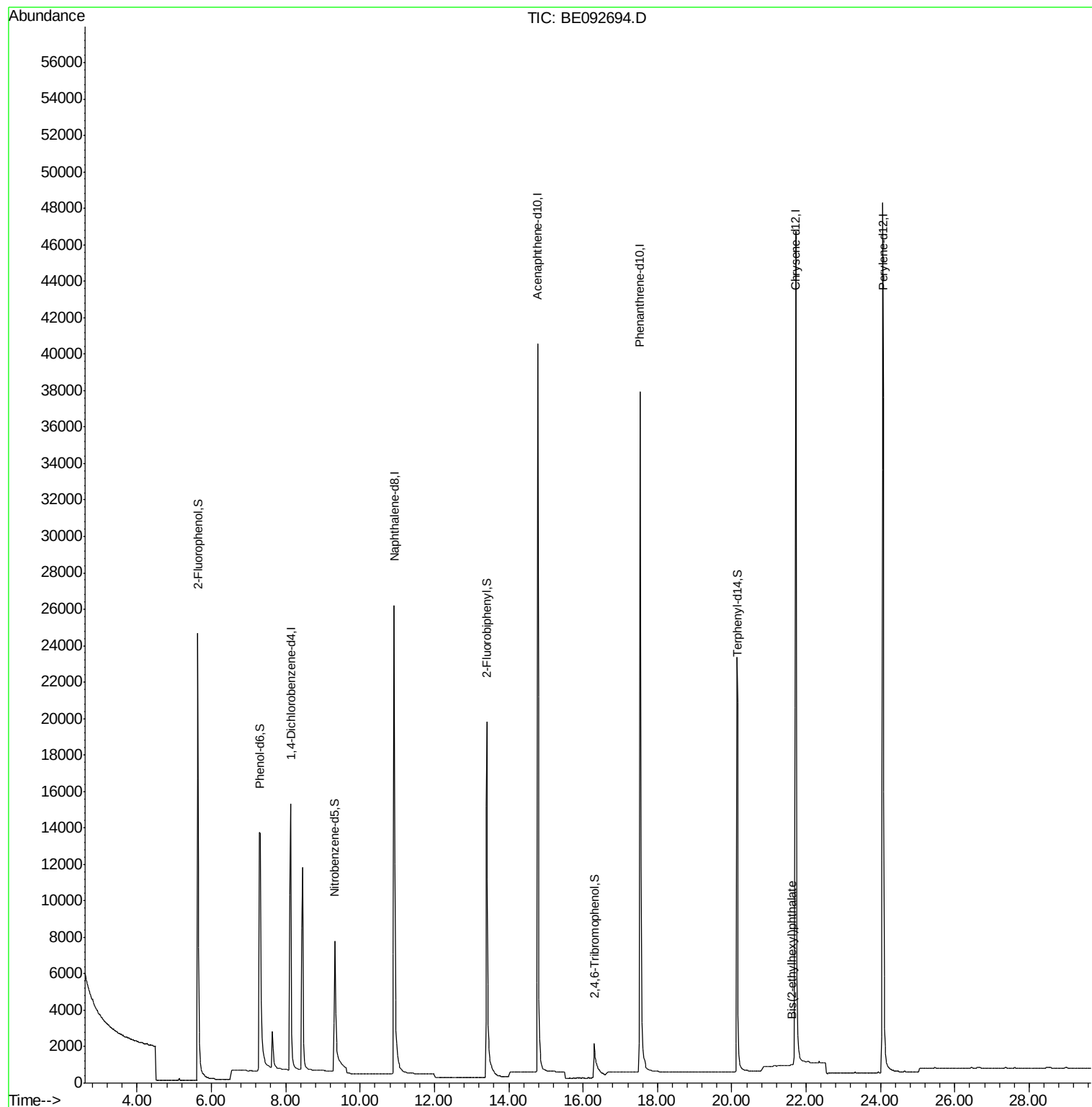
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	11453	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	50006	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	30635	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	65274	5.00	ng	0.00
24) Chrysene-d12	21.72	240	71626	5.00	ng	0.00
31) Perylene-d12	24.07	264	76787	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.64	112	24234	9.48	ng	-0.01
5) Phenol-d6	7.31	99	28320	9.04	ng	-0.02
8) Nitrobenzene-d5	9.32	82	12491	3.85	ng	-0.02
13) 2,4,6-Tribromophenol	16.30	330	4510	5.04	ng	0.00
14) 2-Fluorobiphenyl	13.41	172	30521	4.05	ng	-0.01
26) Terphenyl-d14	20.16	244	41829	4.13	ng	0.00
Target Compounds						
19) Hexachlorobenzene	16.66	284	115	Below Cal	#	1
29) Bis(2-ethylhexyl)phthalate	21.61	149	162	0.22 ng	#	67

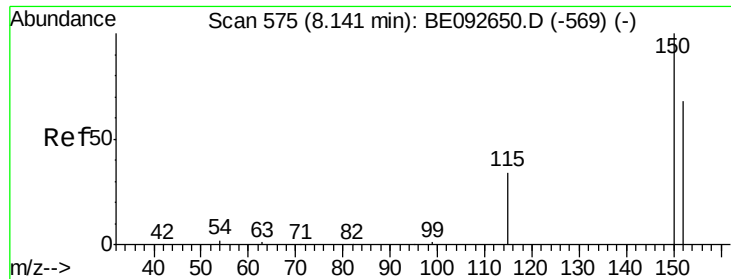
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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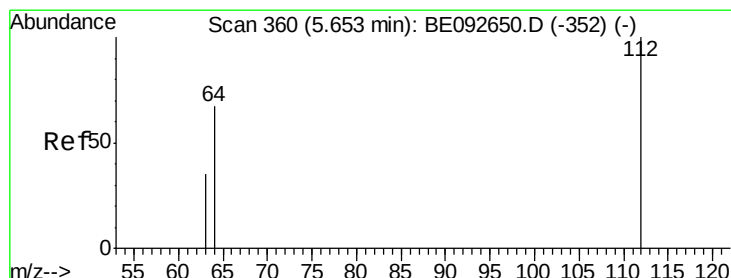
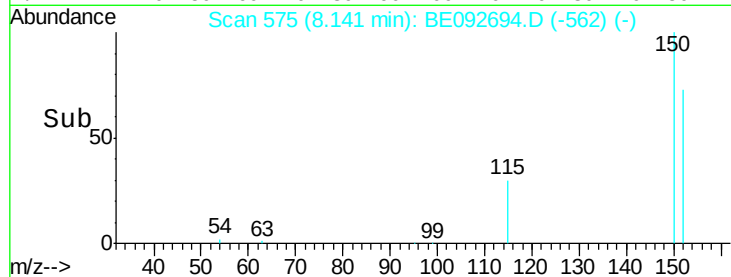
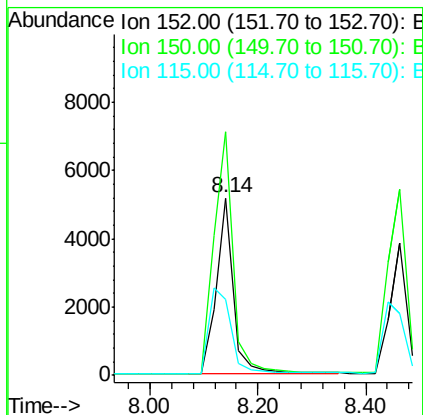
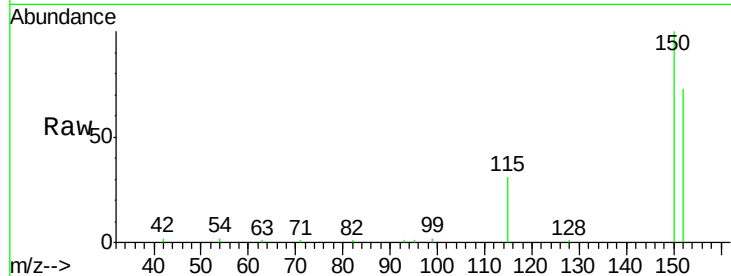


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092694.D
Acq: 31 Jan 2017 19:35

Instrument :
BNA_E
ClientSampleId :
PB96580TB

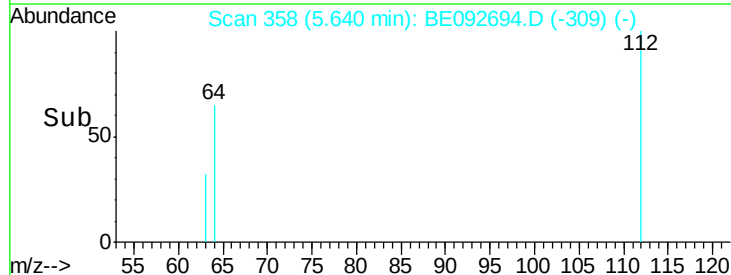
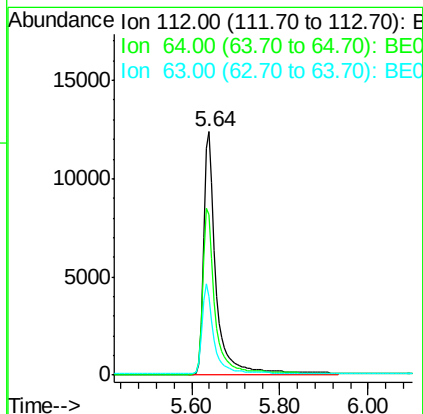
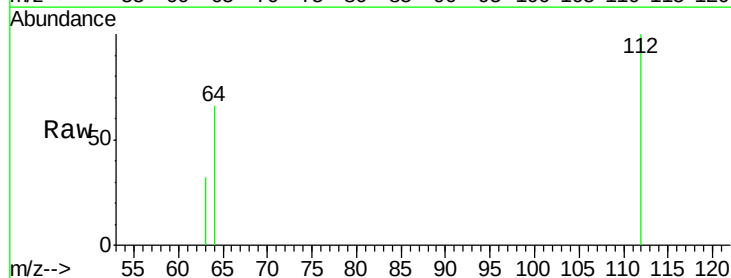
Tgt Ion:152 Resp: 11453
Ion Ratio Lower Upper
152 100
150 137.5 106.0 159.0
115 42.8 31.2 46.8

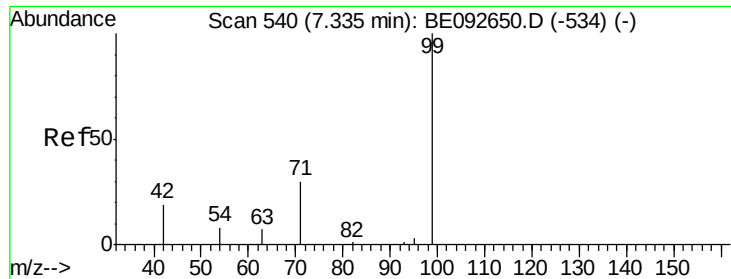


#4

2-Fluorophenol
Concen: 9.48 ng
RT: 5.64 min Scan# 358
Delta R.T. -0.01 min
Lab File: BE092694.D
Acq: 31 Jan 2017 19:35

Tgt Ion:112 Resp: 24234
Ion Ratio Lower Upper
112 100
64 68.7 53.5 80.3
63 36.3 27.9 41.9





#5

Phenol-d6

Concen: 9.04 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.02 min

Lab File: BE092694.D

Acq: 31 Jan 2017 19:35

Instrument :

BNA_E

ClientSampleId :

PB96580TB

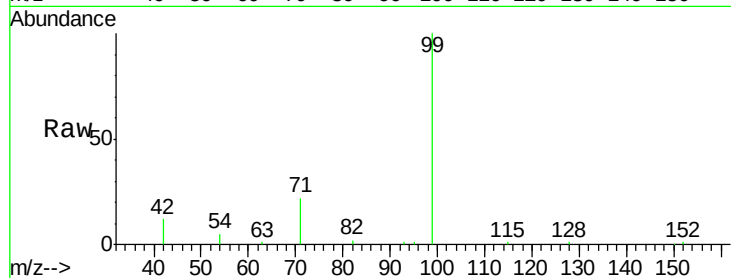
Tgt Ion: 99 Resp: 28320

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

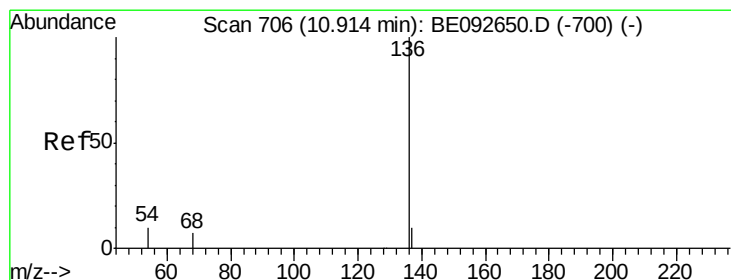
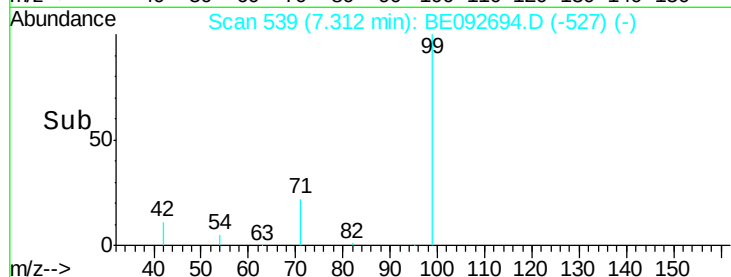
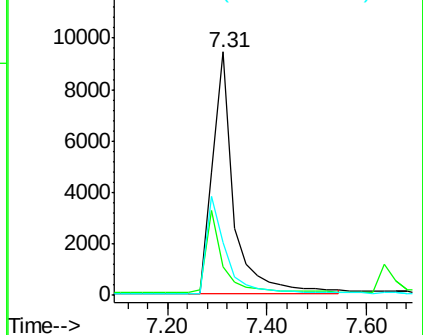
71 0.0 30.6 45.8#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.91 min Scan# 706

Delta R.T. 0.00 min

Lab File: BE092694.D

Acq: 31 Jan 2017 19:35

Tgt Ion: 136 Resp: 50006

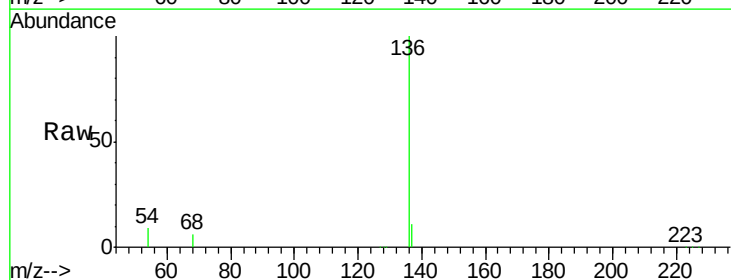
Ion Ratio Lower Upper

136 100

137 10.9 8.2 12.4

54 8.9 9.6 14.4#

68 6.3 6.7 10.1#

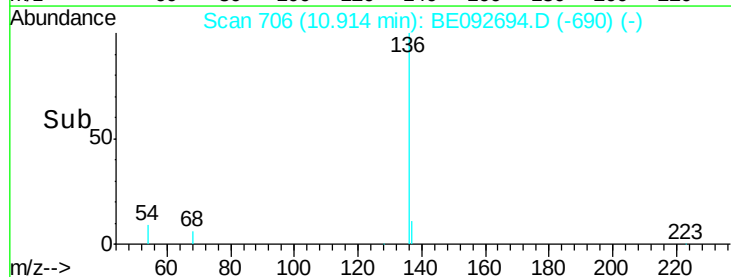
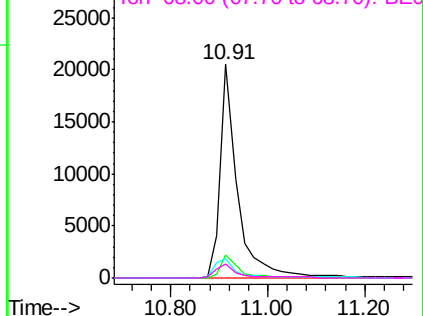


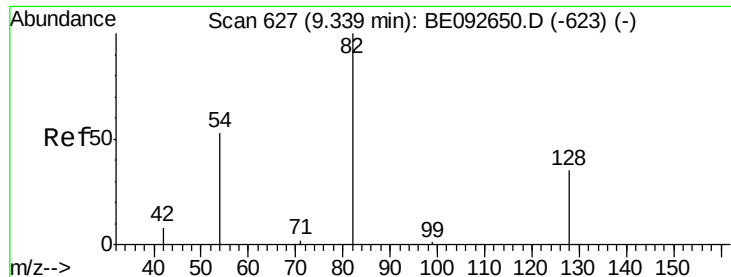
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

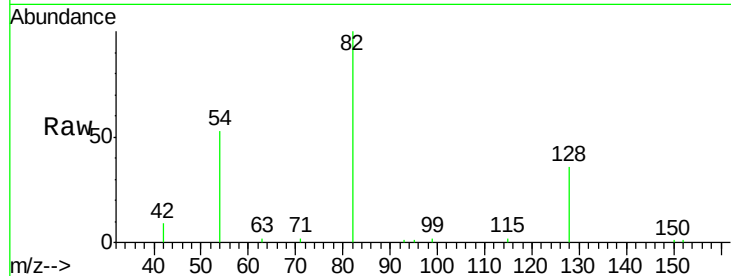




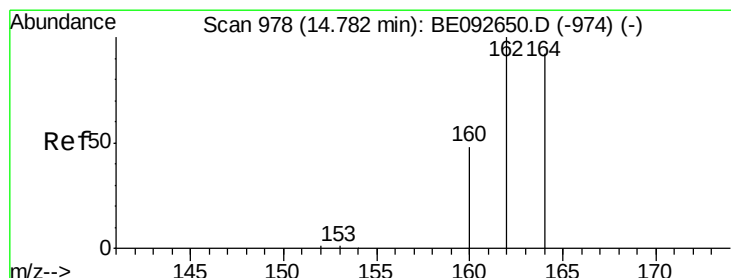
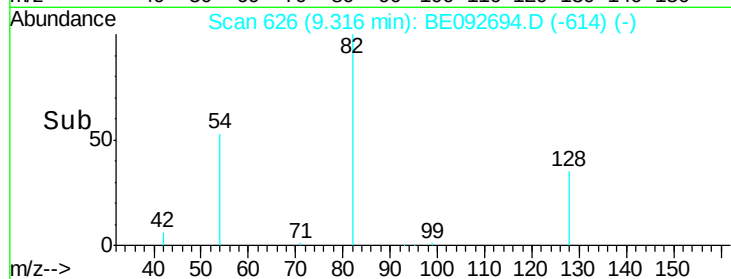
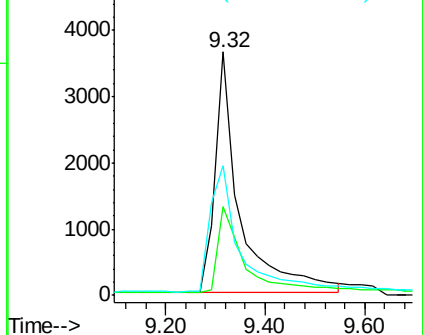
#8
 Nitrobenzene-d5
 Concen: 3.85 ng
 RT: 9.32 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BE092694.D
 Acq: 31 Jan 2017 19:35

Instrument :
 BNA_E
 ClientSampleId :
 PB96580TB

Tgt Ion: 82 Resp: 12491
 Ion Ratio Lower Upper
 82 100
 128 36.3 39.0 58.4#
 54 53.5 44.8 67.2

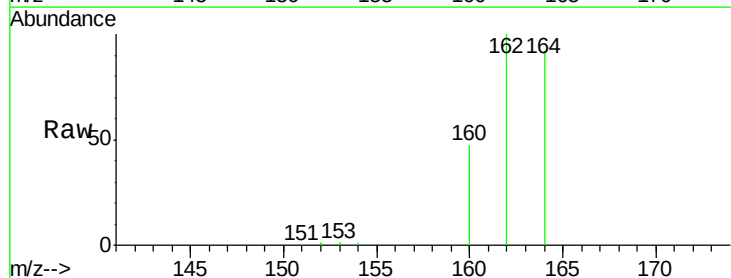


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

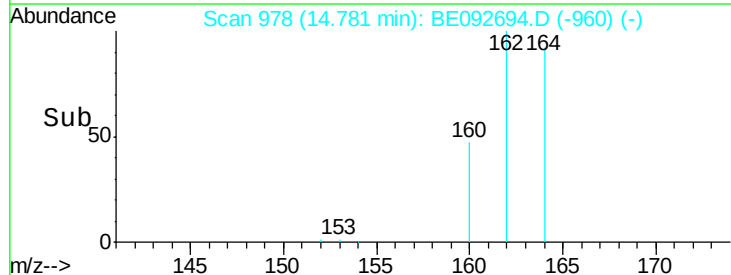
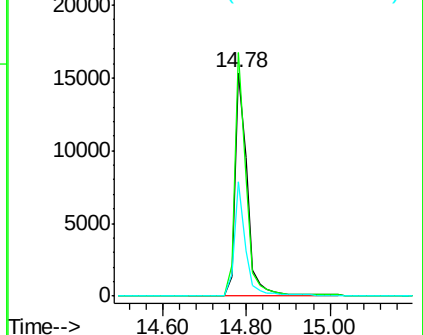


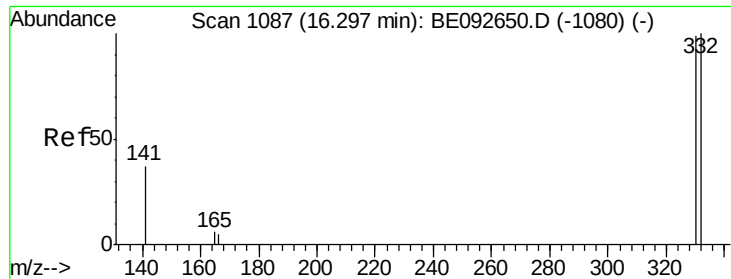
#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.78 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BE092694.D
 Acq: 31 Jan 2017 19:35

Tgt Ion: 164 Resp: 30635
 Ion Ratio Lower Upper
 164 100
 162 108.8 71.4 107.0#
 160 51.2 27.4 41.2#



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

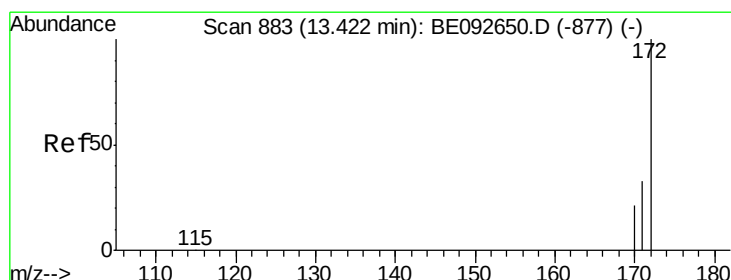
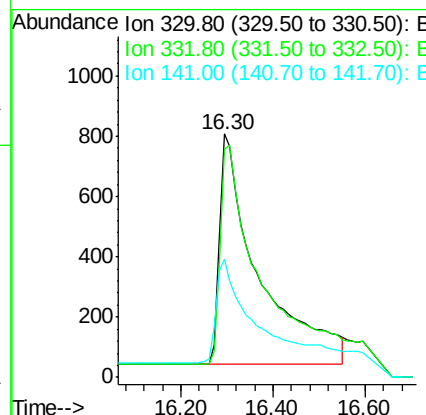
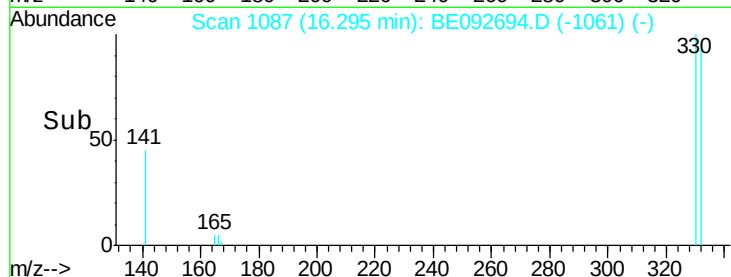
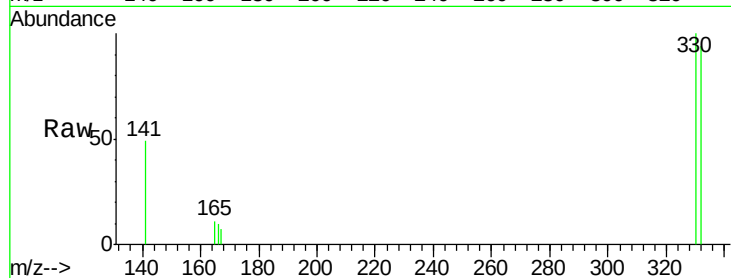




#13
 2,4,6-Tribromophenol
 Concen: 5.04 ng
 RT: 16.30 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BE092694.D
 Acq: 31 Jan 2017 19:35

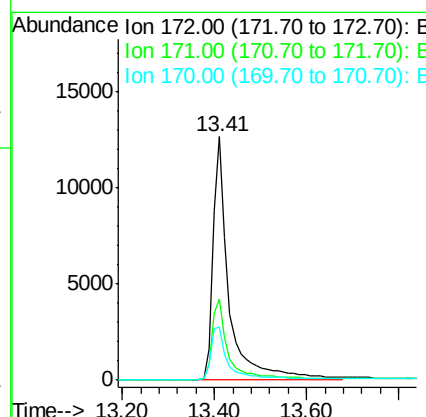
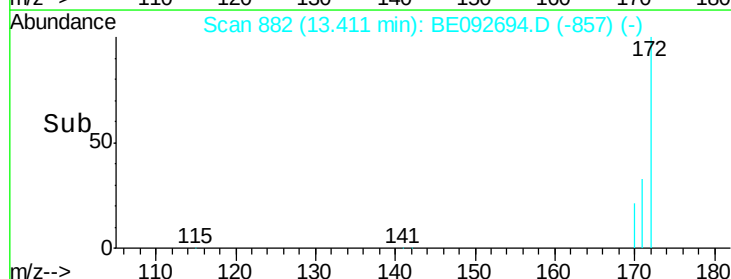
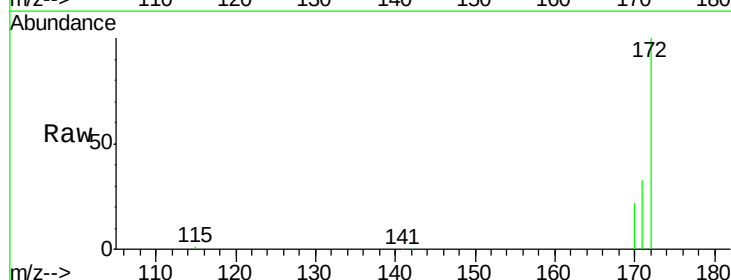
Instrument :
 BNA_E
 ClientSampleId :
 PB96580TB

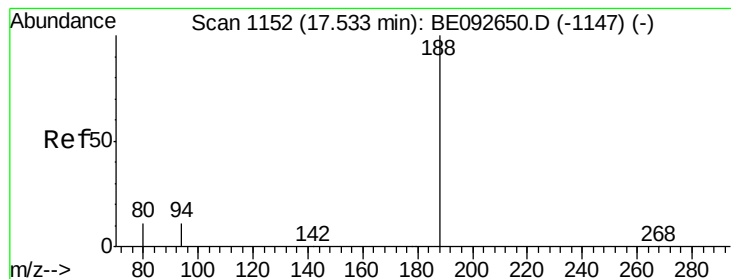
Tgt Ion:330 Resp: 4510
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.4 113.0
 141 45.5 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.05 ng
 RT: 13.41 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BE092694.D
 Acq: 31 Jan 2017 19:35

Tgt Ion:172 Resp: 30521
 Ion Ratio Lower Upper
 172 100
 171 33.2 30.1 45.1
 170 21.6 21.8 32.6#





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.53 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE092694.D

Acq: 31 Jan 2017 19:35

Instrument :

BNA_E

ClientSampleId :

PB96580TB

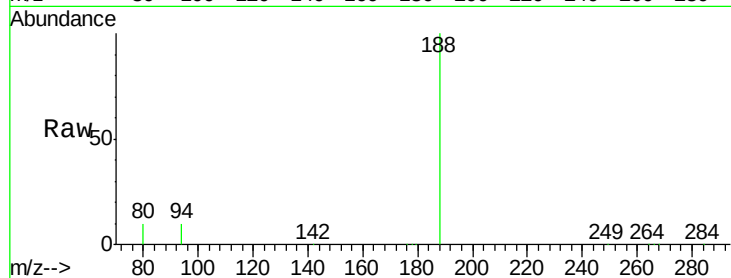
Tgt Ion:188 Resp: 65274

Ion Ratio Lower Upper

188 100

94 10.3 3.2 4.8#

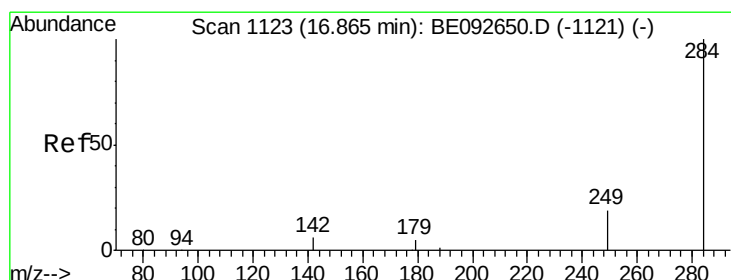
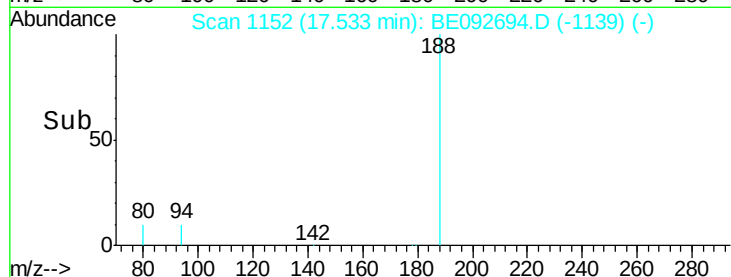
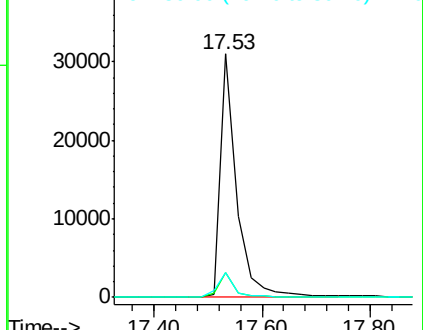
80 10.2 2.6 3.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#19

Hexachlorobenzene

Concen: Below Cal

RT: 16.66 min Scan# 1114

Delta R.T. -0.21 min

Lab File: BE092694.D

Acq: 31 Jan 2017 19:35

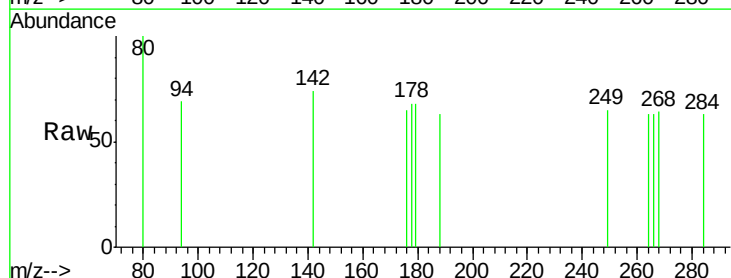
Tgt Ion:284 Resp: 115

Ion Ratio Lower Upper

284 100

142 487.0 29.1 43.7#

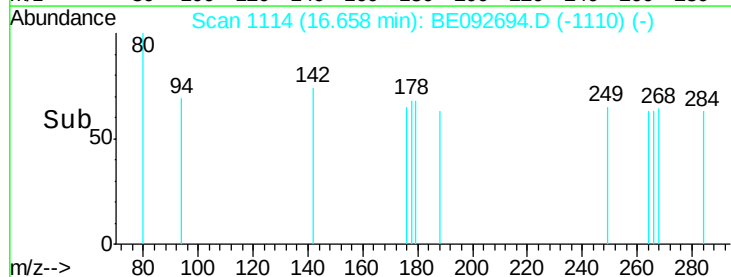
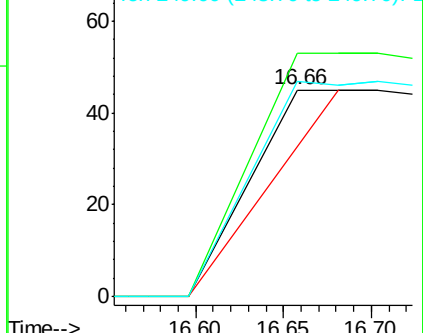
249 657.4 27.9 41.9#

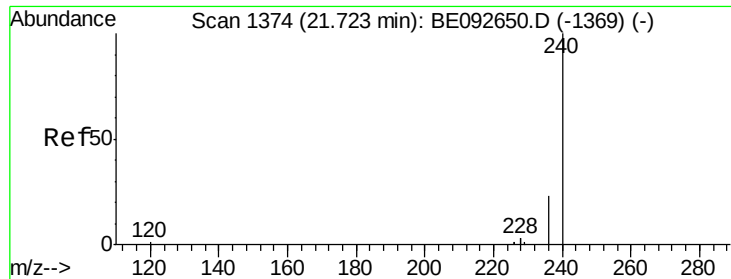


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092694.D

Acq: 31 Jan 2017 19:35

Instrument :

BNA_E

ClientSampleId :

PB96580TB

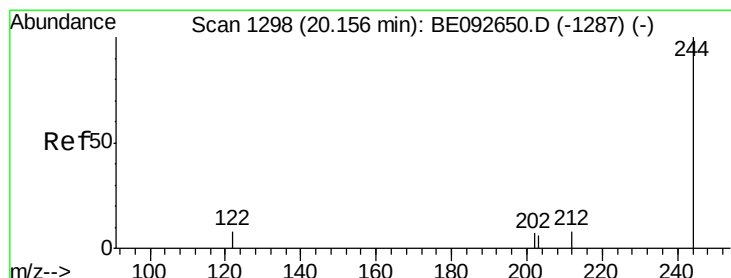
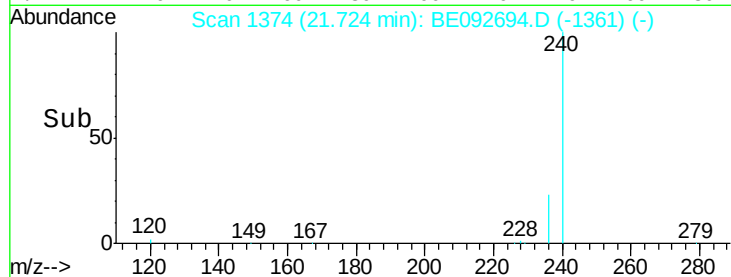
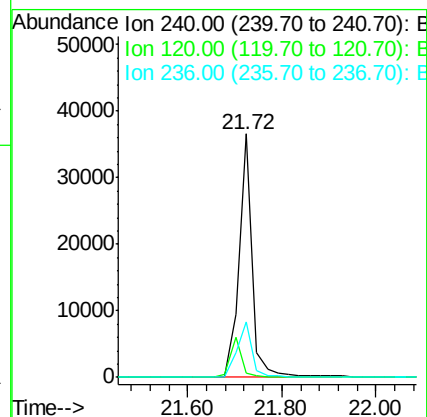
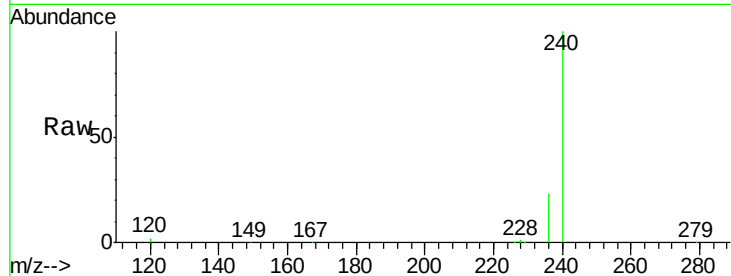
Tgt Ion:240 Resp: 71626

Ion Ratio Lower Upper

240 100

120 1.9 2.6 4.0#

236 22.8 24.6 37.0#



#26

Terphenyl-d14

Concen: 4.13 ng

RT: 20.16 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BE092694.D

Acq: 31 Jan 2017 19:35

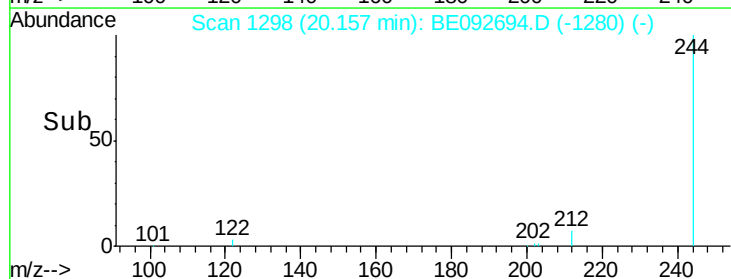
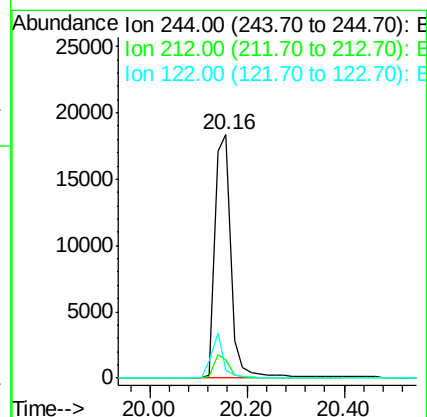
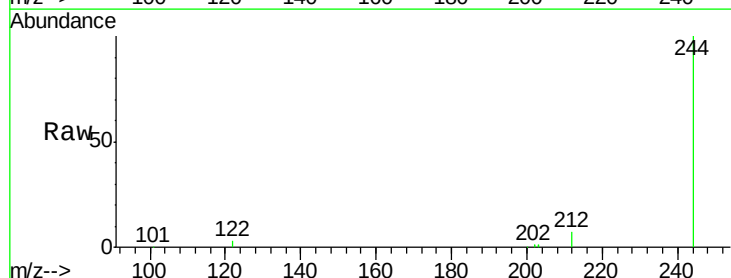
Tgt Ion:244 Resp: 41829

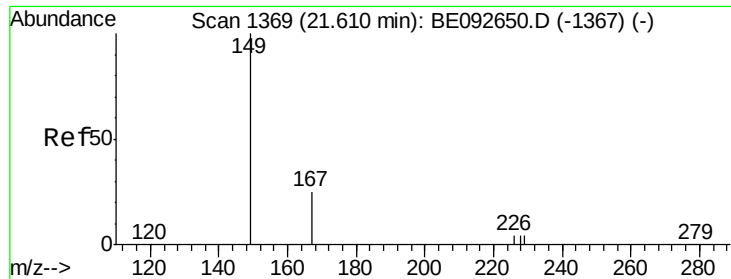
Ion Ratio Lower Upper

244 100

212 7.3 6.7 10.1

122 3.2 3.6 5.4#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.22 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092694.D

Acq: 31 Jan 2017 19:35

Instrument :

BNA_E

ClientSampleId :

PB96580TB

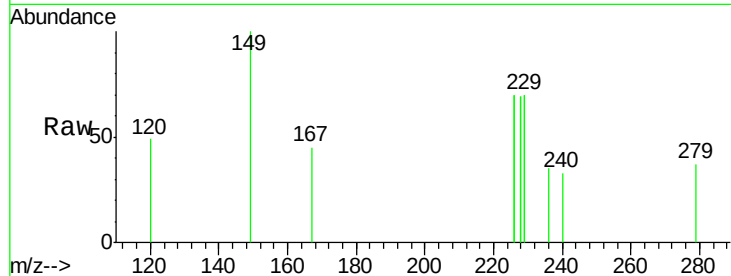
Tgt Ion:149 Resp: 162

Ion Ratio Lower Upper

149 100

167 9.9 16.0 24.0#

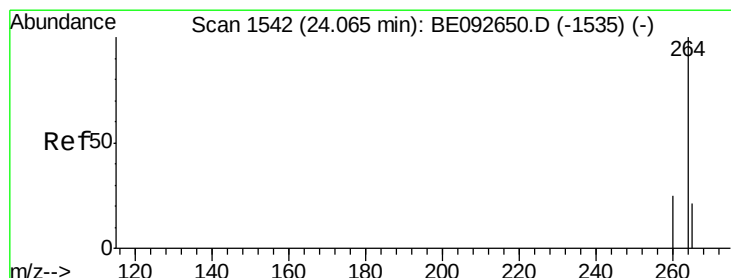
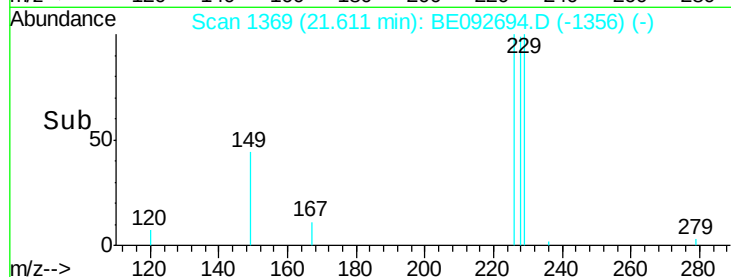
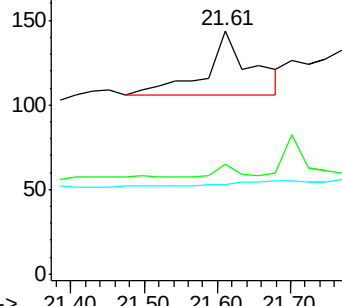
279 0.0 16.0 24.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#31

Perylene-d12

Concen: 5.00 ng

RT: 24.07 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BE092694.D

Acq: 31 Jan 2017 19:35

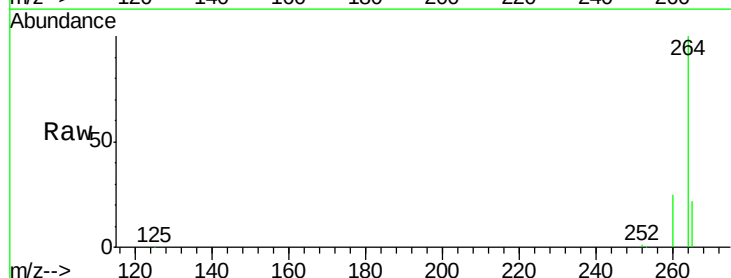
Tgt Ion:264 Resp: 76787

Ion Ratio Lower Upper

264 100

260 25.4 20.1 30.1

265 21.6 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

